

## DS-2CFWQ6-D 6MP Wi-Fi 6 Dual-lens Indoor PT Camera



- 2K+2K Higher Definition Helps See More Details
- Support Smart Tracking
- Support One-tap Privacy Mode
- Support Wi-Fi 6
- Support Human and Vehicle Detection
- Provide real-time security via built-in two-way audio
- Support Smart Hybrid Light

## ▪ Specification

| Camera                      |   |
|-----------------------------|---|
| Image Sensor                | 1/2.8" Progressive Scan CMOS  |
| Max. Resolution             | 2304 × 1296   |
| Min. Illumination           | Color: 0.01 Lux @ (F2.2, AGC ON), B/W: 0 Lux with IR  |
| Shutter Time                | 1/25 s to 1/100,000 s   |
| Day & Night                 | IR cut filter   |
| Angle Adjustment            | Pan: 0° to 345°, tilt: 15° to 85°   |
| Lens                        |   |
| Lens Type                   | Fixed focal lens, 2.8 and 4 mm  |
| Focal Length & FOV          | 2.8 mm, horizontal FOV 106.4°, vertical FOV 58.4°, diagonal FOV 126.6°<br>4 mm, horizontal FOV 84°, vertical FOV 45.5°, diagonal FOV 101.1°           |
| Lens Mount                  | M12   |
| Iris Type                   | Fixed   |
| Aperture                    | F2.2  |
| Depth of Field              | 2.8 mm: 0.9 m to ∞<br>4 mm: 1 m to ∞  |
| DORI                        |   |
| DORI                        | 2.8 mm, D: 50 m, O: 20 m, R: 10 m, I: 5 m<br>4 mm, D: 63 m, O: 25 m, R: 12 m, I: 6 m  |
| Illuminator                 |   |
| Supplement Light Type       | IR, White Light   |
| Supplement Light Range      | Channel 1: up to 10 m,<br>Channel 2: up to 10 m   |
| Smart Supplement Light      | Yes   |
| IR Wavelength               | 850 nm  |
| Video                       |   |
| Main Stream                 | 50 Hz: 20 fps (2304 × 1296, 1920 × 1080, 1280 × 720)<br>60 Hz: 20 fps (2304 × 1296, 1920 × 1080, 1280 × 720)  |
| Sub-Stream                  | 50 Hz: 20 fps (768 × 432)<br>60 Hz: 20 fps (768 × 432)  |
| Video Compression           | Main stream: H.265,<br>Sub-stream: H.265  |
| Video Bit Rate              | 32 Kbps to 2 Mbps   |
| H.265 Type                  | Main Profile  |
| Bit Rate Control            | CBR, VBR  |
| Audio                       |   |
| Audio Type                  | Mono sound  |
| Audio Compression           | G.711(ulaw)/ AAC-LC   |
| Audio Bit Rate              | 64 Kbps (G.711ulaw)/16 to 64 Kbps (AAC-LC)  |
| Audio Sampling Rate         | 8 kHz/16 kHz  |
| Environment Noise Filtering | Yes   |
| Network                     |   |
| Security                    | Password protection, complicated password, watermark, basic and digest authentication for HTTP, security audit log, host authentication (MAC address) |
| Client                      | Hik-Connect   |

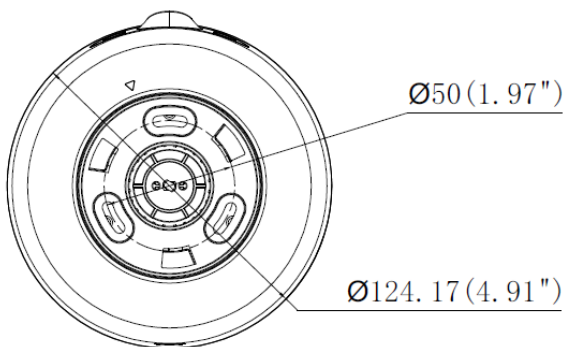
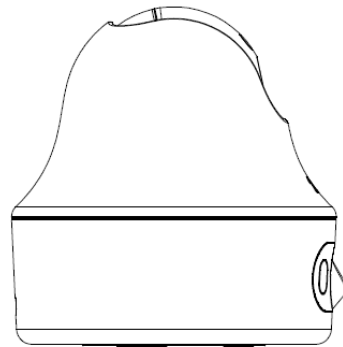
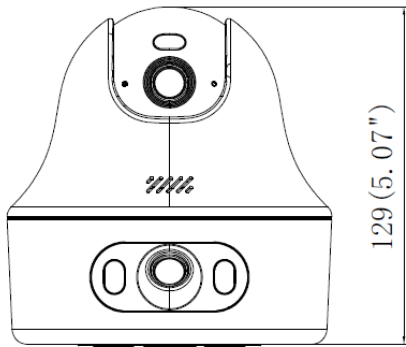
|                                  |  |
|----------------------------------|--|
| Simultaneous Live View           | Up to 10 channels  |
| Protocols                        | TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, UDP, QoS  |
| <b>Wi-Fi</b>                     |  |
| Encryption Mode                  | WPA-PSK/WPA2-PSK   |
| Wi-Fi Protocol                   | IEEE802.11b, IEEE802.11g, IEEE802.11n, IEEE802.11ax  |
| Frequency Range                  | 2.4 GHz to 2.4835 GHz  |
| Channel Bandwidth                | 20/40 MHz  |
| Modulation                       | 802.11b: DBPSK, DQPSK, CCK<br>802.11g: BPSK, QPSK, 16QAM, 64QAM<br>802.11n: BPSK, QPSK, 16QAM, 64QAM<br>802.11ax: BPSK, QPSK, 16QAM, 64QAM, 256QAM |
| Transfer Rate                    | 11b: up to 11 Mbps<br>11n: up to 150 Mbps<br>11g: up to 54 Mbps<br>11ax: up to 114 Mbps  |
| Wireless Range                   | Up to 50 m<br>(The performance varies based on actual environment)   |
| <b>Image</b>                     |  |
| Wide Dynamic Range (WDR)         | Digital WDR  |
| SNR                              | ≥ 52 dB  |
| Day/Night Switch                 | Day, Night, Auto, Schedule   |
| Image Enhancement                | BLC, HLC, 3D DNR   |
| Image Settings                   | Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser                                     |
| Privacy Mask                     | 4 programmable polygon privacy masks, *Support one-click physical privacy mask.  |
| <b>Interface</b>                 |  |
| Audio                            | 1 built-in microphone<br>1 built-in speaker  |
| Reset Key                        | Yes  |
| <b>Event</b>                     |  |
| Basic Event                      | Motion detection (support alarm triggering by specified target types (human and vehicle))  |
| Linkage                          | Notify surveillance center, audible warning  |
| <b>General</b>                   |  |
| Power                            | 5 VDC ± 5%, 1.8 A, Type-C  |
| Material                         | Plastics   |
| Dimension                        | ∅124.17 mm × 129 mm (∅4.9" × 5.1")   |
| Package Dimension                | 165 mm × 153 mm × 139 mm (6.5" × 6.0" × 5.5")  |
| Weight                           | Approx. 330 g (0.7 lb.)  |
| With Package Weight              | Approx. 740 g (1.6 lb.)  |
| Storage Conditions               | -10 °C to 40 °C (14 °F to 104 °F). Humidity 95% or less (non-condensing)   |
| Startup and Operating Conditions | -10 °C to 40 °C (14 °F to 104 °F). Humidity 95% or less (non-condensing)   |
| General Function                 | Heartbeat, mirror, password protection, anti-banding   |

| Approval    |   |
|-------------|---|
| RF          | CE-RED: EN 301489-1 V2.1.1(BT or 2.4G); EN 301489-17 V3.1.1 (BT or 2.4G); EN 300328 V2.1.1 (BT or 2.4G); EN 62311:2008 (BT or 2.4G) |
| EMC         | CE-EMC: EN 55032:2015+A1:2020, EN 50130-4:2011+A1:2014, EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021            |
| Safety      | CB: IEC 62368-1:2014+A11,<br>CE-LVD: EN 62368-1:2014/A11: 2017  |
| Environment | CE-RoHS: 2011/65/EU,<br>WEEE: 2012/19/EU,<br>Reach: Regulation (EC) No 1907/2006  |

▪ **Available Model**

DS-2CFWQ6-D(2.8+4mm)

▪ **Dimension**



Unit: mm (inch)

# See Far, Go Further



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